

16/19

MOUSE

1L - 13 α HUMAN

HUMAN

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1 MEWPRLCGLWALLLCAGGGGGGGAAAPTETQPPVTNLSVSVENLCTVIW 50 ←
| . | | . : | : | | | : | | . | | | | | | | | : | |
1 MARPALLGELLVLLL..WTATVGQVAAATEVQPPVTNLSVSVENLCTIIW 48 ←

51 TWNPPEGASSNCISLWYFSHFGDKQDKKIAPETRRSIEVPLNERICLQVGS 100
| | . | | | | . | : | | | | : | . | | | | | | | | : | . | : | | | |
49 TWSPEGASPNCTLRYFSHFDDQDKKIAPETHRKEELPLDEKICLQVGS 98

101 QCSTNESEKPSILVEKCISPPEGDPESAVTELQCIWHNLSYMCKSWLPGR 150
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
99 QCSANESEKPSPLVKKCISPPEGDPESAVTELKCIWHNLSYMCKSWLPGR 148

151 NTSPDTNYTLYYWHRSLIKEHQENIFREGQYFGCSFDLTKVKDSSFEQH 200
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
149 NTSPDTHYTLYYWYSSLEKSROCENIYREGQHIACSFKLTKV.EPSFEHQ 197

201 SVQIMVKDNAGKIKPSFNIVPLTSRVKPDPPHIKNLSFHNDLYVQWENP 250
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
198 NVQIMVKDNAGKIRPSCKIVSLTSYVKPDPPHIKHLLLNGALLVQWKNP 247

251 QNFISRCLFYEVENVNSQTEHNVFYVQEAKCENPEFERNVENTSCFMVP 300
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
248 QNFRSRCLTYEVEVNNTQTDRHNILEVEEDKCQNSEDRNMEGTSCFQLP 297

301 GVLPTDLNTVRIRVKTNKL~~CYEDDKLWSNWSQEMSIGKKRNSTLYITMLL~~ 350
| | | : | .. | | | | | | | | | | | | | | | | | | | | | | | | | | |
298 GVLADAVYTVRVRVKT~~NKLCFDDNKLWSDWSEAQSIGKEQNSTFYTTMLL~~ 347

351 IVPVIVAGAIIVLLLYLKRLKIIIFPPIPDPGKIFKEMFGDQNDDTLHWK 400
| | | : | .. | | | | | | | | | | | | | | | | | | | | | | | | | | |
348 TIPVFVAVAVIILLFYLKRLKIIIFPPIPDPGKIFKEMFGDQNDDTLHWK 397

401 KYDIYEKQTKEETDSVVLIELKKASQ 427
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
398 KYDIYEKQSKEETDSVVLIELKKAAP 424

FIG. 7b

IL-13R_α SOURISIL-13R_α HUMAIN

1 MEWPRLCGLWALLLCAGGGGGGGAAPTETQPPVTNL SVS VENLCTVIW 50
 ||.:|| |..|:..||| :...|..|:||| .|||:|||:|||:
 1 MARPALLGELLVLL..WTATVGQVAATEVQPPVTNL SVS VENLCTIIW 48

51 TWNPPEGASSNC SLWYF SHFGDKQDKKIA P ETRRSIEVPLNERICLQVGS 100
 ||.|||:|||.||.||:|||:|||.|||:|||:|||:
 49 TWS PPEGASPN CTLRYF SHFDDQDKKIA P ETHRKEELPLDEKICLQVGS 98

101 QCSTNESEKPSI LVEKCIS P PEGDPESAVTELQ C IWHNLSYM KCSWL PGR 150
 ||| .|||:||| .||.|||:|||:|||:|||:|||:|||:
 99 QCSANESEKPSPLVKKCIS P PEGDPESAVTELKC IWHNLSYM KCSWL PGR 148

151 NTSPDTNYTLYW HRSLEKIHQCENIFREGQYF GCSFDLT KVKDSSF EQH 200
 |||:|||:||| .||.|||:|||:|||:|||:||| .|||:
 149 NTSPDTHTYLWYSSLEKSRQCENIYREGQHIA C SFKLTKV. EPSFEHQ 197

201 SVQIMVKDNAGKIKPSENIVPLTSRVK P D PPHIKNL SFHNDL YVQWENP 250
 .|||:|||:||| .||.|||:|||:|||:||| .||.|||:
 198 NVQIMVKDNAGKIRPSCKIVSILTSYVK P D PPHIKHLLKNGALLVQWKNP 247

251 QNFISRCLFYEVVNNSQTETHNVFYVQEAKCENPEFERNVENTSCFMVP 300
 ||| .|||:|||:||| .||:|||:||| .|||:|||:
 248 QNFRSRCLTYEVEVNNTQ TDRHNILEVEEDKCQNS ESDRNMEGTSCFQLP 297

301 GVL PDTLNTVRIRVKTNKL CYEDDKL WSNWSQEMSIGKRNSTLYITMLL 350
 |||:||.|||:|||:|||:|||:|||:|||:||| .|||:|||:
 298 GVLADAVYT VRV RVKTNKL CFDDNKL WSDWSEAQSIGKEQN STFYTTMLL 347

351. IVPVIVAGAIIVLLL YLKRLKII IF PPI PDPGKIFKEMFGDQNDTLHWK 400
 .|||:||.|||:|||:|||:|||:|||:|||:|||:
 348 TIPVFVAVAVI ILLFYLKRLKII IF PPI PDPGKIFKEMFGDQNDTLHWK 397

401 KYDIYEKQTKEETDSVVL IENLKKASQ 427
 |||:||| .|||:|||:|||:
 398 KYDIYEKQSKEETDSVVL IENLKKAAP 424

FIG. 7b